

**RD253**

Toyota 9.5" RR, 32 SPL, OE Locker Replacement

### PARTS LIST

ITEM #	QTY	DESCRIPTION	PART #	NOTES
01	1	FLANGE CAP KIT	027355SP	
02	1	BONDED SEAL	160702SP	
03	1	CLUTCH GEAR & WAVESPRING KIT	050906SP	
04	1	WAVESPRING	150706SP	
05	2	SHORT CROSS SHAFT	060403SP	
06	1	SIDE GEAR	SEE NOTE	2
07	2	SIDE GEAR THRUST WASHER	SEE NOTE	3
08	1	DIFFERENTIAL CASE	013055SP	
09	1	RETAINING PIN SET (PK OF 4)	120601SP	
10	1	COUNTERSUNK SCREW (PK OF 2)	200213SP	
11	1	MASTER SHIM	NOT SUPPLIED	
12	1	SHIM KIT	SHK005	
13	1	SEAL HOUSING KIT	081829SP	
14	1	SEAL HOUSING O-RINGS (PK OF 2)	160248SP	1
15	1	TAPERED ROLLER BEARING	NOT SUPPLIED	
16	1	SPLINED SIDE GEAR	SEE NOTE	2
17	1	SPIDER BLOCK	070201SP	
18	4	PINION THRUST WASHER	SEE NOTE	
19	4	PINION GEAR	SEE NOTE	
20	1	LONG CROSS SHAFT	060204SP	
*	1	BHF BLANKING PLATE	220225	
*	1	BRAKE LINE MOUNT PLATE	220227	
*	1	BULKHEAD FITTING KIT (BANJO TYPE)	170114	4
*	1	AIR LINE (6mm DIA X 6m LONG)	170314	4
*	1	SOLENOID VALVE (12V)	180103	
*	1	SWITCH	180209SP	
*	1	SWITCH COVER (REAR)	180211SP	
*	1	CABLE TIE (PK OF 25)	180305	
*	1	OPERATING & SERVICE MANUAL	210200	
*	1	INSTALLATION GUIDE	2102232	

\* *Not illustrated in exploded view*

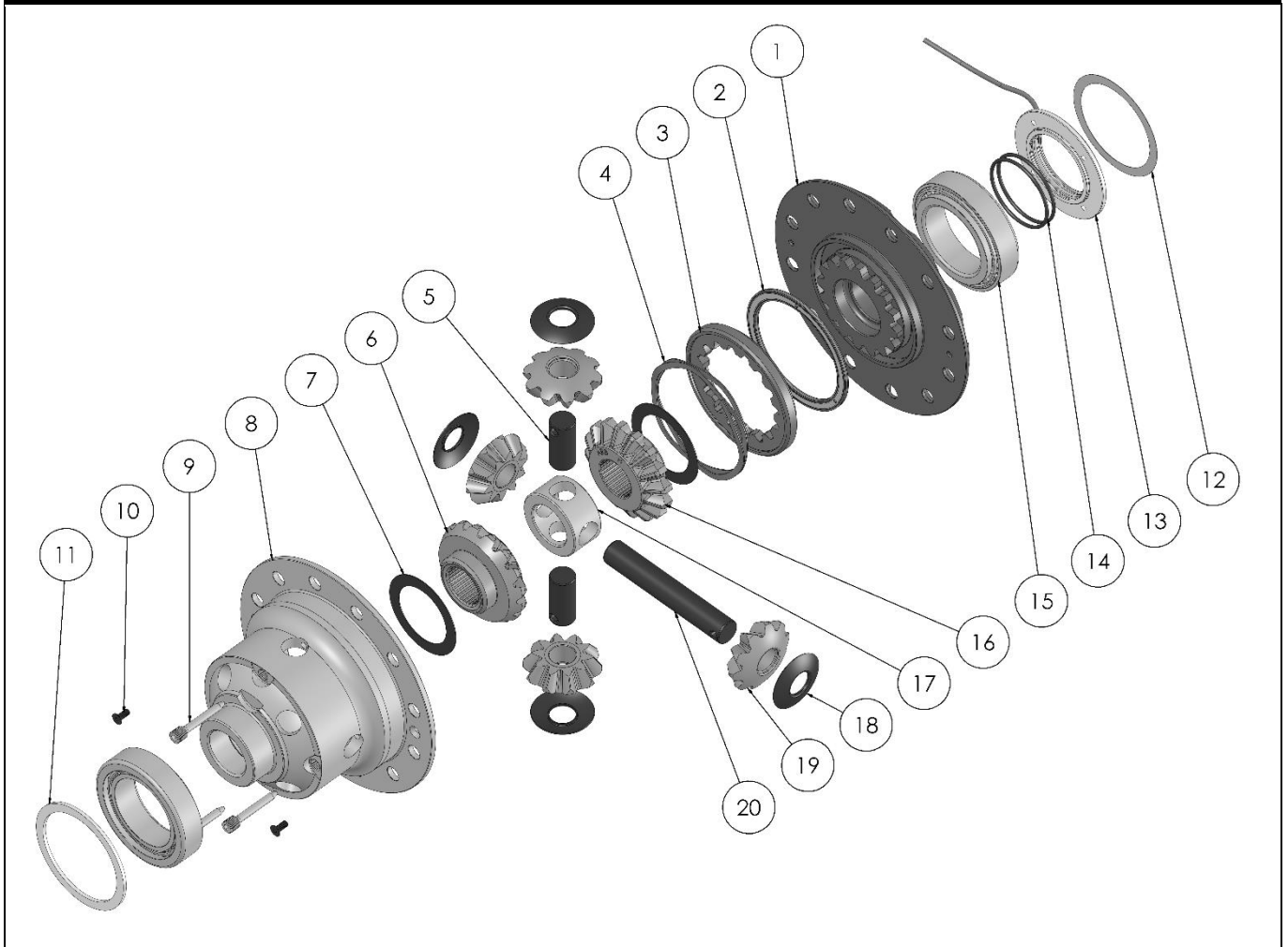
### NOTES

- 1 For replacement O-rings use only BS140 Viton 75.
- 2 Available only as complete 6 gear set # 728H201
- 3 Available only as complete thrust washer kit #730H01
- 4 All diffs produced before serial #17070001 came with 5mm air connection system. For information contact ARB.

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### EXPLODED DIAGRAM



### SPECIFICATIONS

Axle Spline	32 tooth, Ø34.8mm [1.37"]
Ratio Supported	All
Ring Gear ID	140.95mm [5.55"]
Ring Gear OD	225mm [8.86"]
Ring Gear Bolts	12 bolts on Ø162.5mm [6.40"]
Ring Gear Torque	137Nm [101 ft-lb]
Backlash	0.15-0.25mm [0.006-0.010"]
Bearing Cap Torque	113Nm [83 ft-lb]

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